



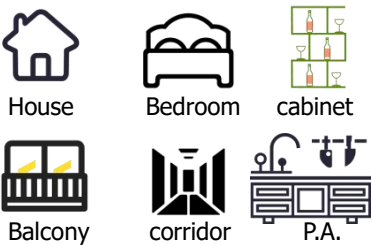
Features

- ✓ CRI>80
- ✓ Elegant Light
- ✓ No Flicker UGR<19
- ✓ Cut Out Size Adjustable
- ✓ Surface mounted frame

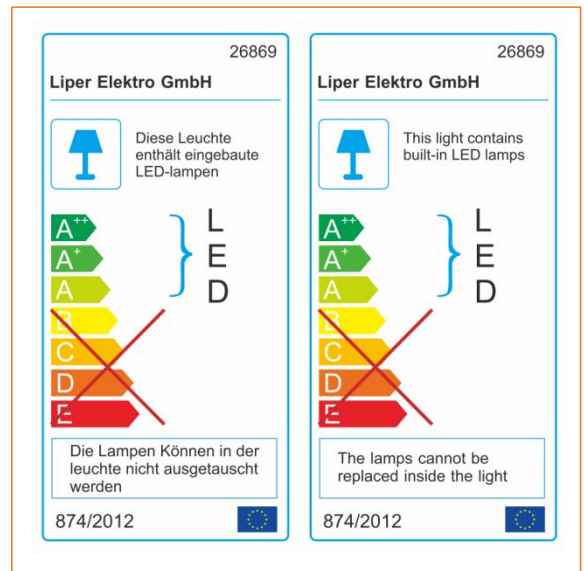
Benefits

- ✓ High Energy Saving
- ✓ High Efficiency
- ✓ Eye Protection
- ✓ Long Life Time
- ✓ Private Mold

Application



Certificate



Housing Color



Specifications

Item Number	Power (W)	Power Factor	Dissipation Factor	Lumen (lm)	Efficiency (lm/W)	CRI	Color Temperature	Life Time (hrs)
LP-DL10ENS01-Y	10W	>0.5	>0.9	860	86	>80	WW/CW/NW	25000
LP-DL18ENS01-Y	18W	>0.5	>0.9	1548	86	>80	WW/CW/NW	25000
LP-DL24ENS01-Y	24W	>0.5	>0.9	2520	105	>80	WW/CW/NW	25000
LP-DL48ENS01-Y	48W	>0.5	>0.9	5200	108	>80	WW/CW/NW	25000

Initial Performance (IEC Compliant)

Luminous Flux Tolerance	+/-10%
Power Consumption Tolerance	+/-10%

Item 1 Driver Part	Parameter Range			
	10W	18W	24W	48W
Input Voltage (VAC)	100-264	100-264	100-264	100-264
Input Frequency (Hz)	50/60	50/60	50/60	50/60
Input Current (mA)	82	132	184	384
Output Current	300mA±5%	300mA±5%	300mA±5%	300mA±5%
Output Voltage	30V	54V	72V	144V
Output Wattage (W)	10	18	24	48
Power Range	-	-	-	-
Power Factor	>0.5	>0.5	>0.5	>0.5
Dissipation Factor	>0.9	>0.9	>0.9	>0.9
Total Harmonic Distortion (THD) (%)	<120%	<120%	<120%	<120%
Color Temperature Adjustment Method	Dip Switch	Dip Switch	Dip Switch	Dip Switch
Dimming Method	-	-	-	-
Sensor Method	-	-	-	-
Smart Control Method	-	-	-	-
Emergency Duration	-	-	-	-
Emergency Wattage	-	-	-	-
Item 2 Lamp	Parameter Range			
	10W	18W	24W	48W
Lamp Material	SPCC	SPCC	SPCC	SPCC
Optical Materials	PC	PC	PC	PC
LED	SMD2835	SMD2835	SMD2835	SMD2835
LED Quantity and Arrangement	15S2PX2	21S4PX2	26S6PX2	45S6PX2

Color Temperature (CCT)		3000K	3000K	3000K	3000K
		4000K	4000K	4000K	4000K
		6500K	6500K	6500K	6500K
Color Rendering Index (CRI)		>80	>80	>80	>80
Standard Deviation of Color Matching (SDCM)		<6	<6	<6	<6
Beam Angle (0-180)		120	120	120	120
Perceptibility of Stroboscopic Effects (PST)		<1	<1	<1	<1
Stroboscopic Visibility Measure (SVM)		<1	<1	<1	<1
UGR		-	-	-	-
Total Luminous Flux	3000K	900 lm	1600 lm	2600 lm	5300 lm
	4000K	900 lm	1600 lm	2600 lm	5300 lm
	6500K	860 lm	1520 lm	2500 lm	5200 lm
Item 3 Reliability	Parameter Range				
		10W	18W	24W	48W
Lamp Lifetime (@Ta=25°C) (L70B50)		25000H	25000H	25000H	25000H
Warranty		2Years	2Years	2Years	2Years
Environment Temperature Range		-15~+45°C	-15~+45°C	-15~+45°C	-15~+45°C
Storage Temperature Range		-25~+85°C	-25~+85°C	-25~+85°C	-25~+85°C
Lumen Maintenance (6000h)		>90%	>90%	>90%	>90%
Item 4 Safety	Parameter Range				
		10W	18W	24W	48W
Lamp Holder		-	-	-	-
IK		IK06	IK06	IK06	IK06
Ingress Protection		IP44	IP44	IP44	IP44
Against Electric Chock (I/II/III)		II	II	II	II
Flame Retardant Grade		V-0	V-0	V-0	V-0
Surge	L-N	>750V	>750V	>750V	>750V
	LN-PE	-	-	-	-
Hi-POT (Withstanding Voltage)		3KV	3KV	3KV	3KV
Certification		CE	CE	CE	CE



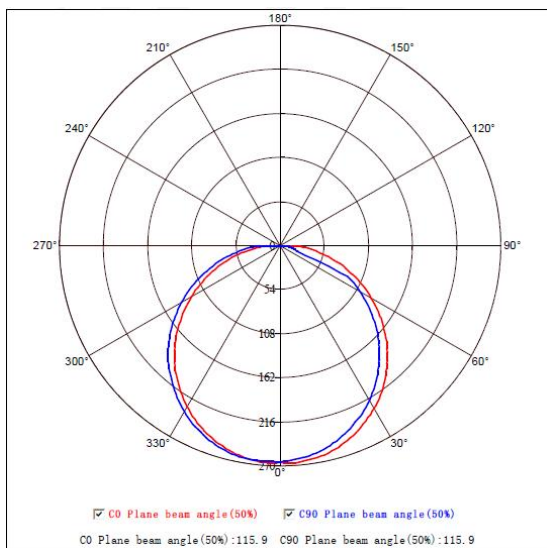
Dimensional Drawing

Item No	Power	Lamp Size (mm)	Cut out Size (mm)	Net Weight (g)
LP-DL10ENS01-Y	10W	∅ 100x39	75-90mm	116
LP-DL18ENS01-Y	18W	∅ 135x39.8	75-125mm	183
LP-DL24ENS01-Y	24W	∅ 185x42.3	75-175mm	307
LP-DL48ENS01-Y	36W	∅ 225x44.3	75-215mm	463

Packing Data

Item No	PCS/CTN	Gross Weight KG	Net Weight KG	Length CM	Width CM	Height CM
LP-DL10ENS01-Y	80	10.7	9.3	57	22	45.5
LP-DL18ENS01-Y	48	10	8.8	58	23	44
LP-DL24ENS01-Y	30	10.2	9.2	58.5	30	39.5
LP-DL48ENS01-Y	12	6.7	5.6	47.5	39	24.5

Planar Intensity Distribution Curve



Average Illumination

